



## NEXT GENERATION 9-1-1 PILOT PROJECTS

### Purpose

Advancements in technology present ever-growing opportunities for the State to define, adopt and implement new and more efficient services that support the people of California. Nowhere is this opportunity greater today than in the delivery of 9-1-1 emergency services where the need to transform California's legacy 9-1-1 services into the Next Generation of 9-1-1 (NG9-1-1) is both real and achievable. Today's 9-1-1 platform does not support prevalent technologies like text, video or photos nor do they offer methodologies to easily adapt and deal with call congestion or workload overflows.

### Background

In 2010, the California 9-1-1 Emergency Communications Branch (CA 9-1-1 Branch) published the 9-1-1 Strategic Plan as well as the Proposed California NG9-1-1 Roadmap to guide the State in achieving the successful implementation of NG9-1-1.

### Current Projects

The CA 9-1-1 Branch has five (5) NG9-1-1 projects underway in California.

Project Name	# of Counties / # of PSAPs	Type of Solution	Contractor	Current Status	Completion Date
E9-1-1 Grant Project	13 Counties 37 PSAPs	IP Network Based Connectivity - overlay to existing legacy 9-1-1 CPE using Gateways, location based routing wireless calls	Verizon	36 PSAPs are connected to the IP NG9-1-1 Network, AT&T Mobility and Verizon Wireless connected to NG9-1-1 IP network. Verizon Wireless calls routed via X/Y coordinates	September 30, 2012
Imperial Project	1 County 4 PSAPs	Hosted	AT&T	Install completed – awaiting Vesta 4.2 upgrade	Accepted November 1, 2012
Ventura Project	1 County 3 PSAPs	Hosted	AT&T	Simi Valley & Oxnard Ventura County Sheriff installed – POC overlay testing scheduled 2 <sup>nd</sup> Quarter 2014	Projected completion 3 <sup>rd</sup> Quarter 2014
RING (Pasadena) Project	1 County 8 PSAPs Initially	Turnkey IP Network Based Configuration	AT&T	NCC's installed, installing IP network PSAP CPE ordered Testing scheduled 4 <sup>th</sup> Quarter 2013	Est. completion 1st Quarter 2015
Mendocino Project	1 County 3 PSAPs	Turnkey IP Network Based Configuration	AT&T/micro Data	Scope of work is being developed	1 <sup>st</sup> Quarter 2015

### Key Information

- Each of the five (5) NG9-1-1 projects listed above will utilize an Internet Protocol (IP) based network solution, which is the foundation upon which NG9-1-1 is built
- An IP enabled NG9-1-1 system will allow for policy and location based routing and, in the future, multimedia (e.g. text messaging, pictures, and video) and other emerging technology capabilities
- The CA 9-1-1 Branch will review and analyze the benefits of each to determine the next steps California will take toward full implementation of NG9-1-1 in California